

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD2068_01_f_2014_3				
Comment Code					
Inspector Comment					
RD 2068 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD2068_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2068 crew members are trained yearly.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD2068_01_f_2014_5				
Comment Code					
Inspector Comment					
RD 2068 has emergency supplies stored.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	0.51	Rating **	M	Issue No.	9
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401237 °	38.372257 °
				-121.693808 °	-121.693967 °
DWR ID	DWR_RD2068_01_s_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Maintain annual vegetation on the waterside slope.					

Photo 1 of 1 : SP_2019_RD2068_193_9_20190329_00020.jpg



View looking downstream at annual vegetation on the waterside slope (Spring 2019).

LM Start	0.51	Rating **	M	Issue No.	10
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401237 °	38.372257 °
				-121.693808 °	-121.693967 °
DWR ID	DWR_RD2068_01_s_2019_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Maintain annual vegetation on the landside slope.					

Photo 1 of 1 : SP_2019_RD2068_193_10_20190329_00021.jpg



View looking downstream at annual vegetation on the landside slope (Spring 2019).

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	3.11	Rating **	A/W	Issue No.	14
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.363450 °	38.362340 °
				-121.694030 °	-121.694060 °
DWR ID	DWR_RD2068_01_f_2017_14				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the landside levee slope approximately 40 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:454					
Site Designation:LMA-281					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: Site cominbed in field with LMA-279 & LMA-282; site length redefined to reflect the changes.					

No Photos

LM Start	3.16	Rating **	A/W	Issue No.	20
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.362765 °	38.362278 °
				-121.694040 °	-121.694050 °
DWR ID	DWR_RD2068_01_f_2018_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability.					

Photo 1 of 2 : SP_2019_RD2068_193_20_20190311_00001.jpg



View of slope instability on the landside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	3.16	Rating **	A/W	Issue No.	20 (cont)	
LM End	3.19	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.362765 °		38.362278 °
				-121.694040 °		-121.694050 °
DWR ID	DWR_RD2068_01_f_2018_20					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Repair the slope instability.						

Photo 2 of 2 : SP_2019_RD2068_193_20_20190311_00002.jpg



View of the slope instability.

LM Start	3.16	Rating **	A/W	Issue No.	12
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.362700 °	38.360200 °
				-121.694000 °	-121.694100 °
DWR ID	DWR_RD2068_01_s_2018_12				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of cracking of the upper and mid landside levee slope approximately 904 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:453					
Site Designation:LMA-280					
Repair Type: Stability					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes: Photo only.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	3.73	Rating **	A/W	Issue No.	27
LM End	3.74	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.354500 °	38.354400 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_27				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 47 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:462					
Site Designation:LMA-289					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 2' feet vertical cut on waterside levee toe from wavewash; site combined with LMA- 288 in field.					

Photo 1 of 3 : SP_2019_RD2068_193_27_20190311_00003.jpg



LM Start	3.73	Rating **	A/W	Issue No.	27 (cont)
LM End	3.74	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2019_RD2068_193_27_20190311_00004.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	3.73	Rating **	A/W	Issue No.	27 (cont)	
LM End	3.74	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.354500 °	38.354400 °	
				-121.694000 °	-121.694000 °	
DWR ID	DWR_RD2068_01_f_2017_27					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 47 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.						
Site ID No:462						
Site Designation:LMA-289						
Repair Type: Stability						
Rating:Serious						
Field Date:7/26/2017						
Notes: 2' feet vertical cut on waterside levee toe from wavewash; site combined with LMA- 288 in field.						

Photo 3 of 3 : SP_2019_RD2068_193_27_20190311_00005.jpg



LM Start	4.30	Rating **	A/W	Issue No.	28
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.346200 °	38.346100 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:463					
Site Designation:LMA-290					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 3' feet vertical cut at waterside levee toe from wavewash					

Photo 1 of 3 : SP_2019_RD2068_193_28_20190311_00006.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	4.30	Rating **	A/W	Issue No.	28 (cont)
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.346200 °	38.346100 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:463					
Site Designation:LMA-290					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 3' feet vertical cut at waterside levee toe from wavewash					

Photo 2 of 3 : SP_2019_RD2068_193_28_20190311_00007.jpg



LM Start	4.30	Rating **	A/W	Issue No.	28 (cont)
LM End	4.31	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2019_RD2068_193_28_20190311_00008.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	4.39	Rating **	A/W	Issue No.	29
LM End	4.40	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.344900 °	38.344800 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_29				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:464					
Site Designation:LMA-291					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 2' feet vertical cut at waterside levee toe from wavewash					

Photo 1 of 3 : SP_2019_RD2068_193_29_20190311_00009.jpg



LM Start	4.39	Rating **	A/W	Issue No.	29 (cont)
LM End	4.40	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2019_RD2068_193_29_20190311_00010.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolo

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/26/2019 03/26/2019	David Julian

LM Start	4.39	Rating **	A/W	Issue No.	29 (cont)
LM End	4.40	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.344900 °	38.344800 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_29				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:464					
Site Designation:LMA-291					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 2' feet vertical cut at waterside levee toe from wavewash					

Photo 3 of 3 : SP_2019_RD2068_193_29_20190311_00011.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/26/2019 03/26/2019	David Julian

LM Start	0.01	Rating **	C	Issue No.	11
LM End	1.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358313 °	38.372907 °
				-121.740385 °	-121.738888 °
DWR ID	DWR_RD2068_02_s_2017_11				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation on crown is currently acceptable, but should be monitored and controlled before vegetation further establishes.					

No Photos

LM Start	0.02	Rating **	A	Issue No.	12
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358405 °	38.387065 °
				-121.740403 °	-121.726167 °
DWR ID	DWR_RD2068_02_s_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained on the landside slope.					

Photo 1 of 1 : SP_2019_RD2068_194_12_20190326_00010.jpg



View looking upstream at the well maintained vegetation on the landside slope (Spring 2019).

LM Start	0.02	Rating **	A	Issue No.	13
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358405 °	38.387065 °
				-121.740403 °	-121.726167 °
DWR ID	DWR_RD2068_02_s_2019_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained on the waterside slope.					

Photo 1 of 1 : SP_2019_RD2068_194_13_20190326_00009.jpg



View looking upstream at well maintained vegetation on the waterside slope (Spring 2019).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/26/2019 03/26/2019	David Julian

LM Start	1.02	Rating **	M	Issue No.	14
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.372742 °	38.381875 °
				-121.739063 °	-121.730873 °
DWR ID	DWR_RD2068_02_s_2019_14				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Maintain annual vegetation on the crown.					

No Photos

LM Start	1.85	Rating **	C	Issue No.	15
LM End	2.16	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.382542 °	38.386237 °
				-121.730262 °	-121.726930 °
DWR ID	DWR_RD2068_02_s_2017_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation on crown is currently acceptable, but should be monitored and controlled.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2068 Yolano

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/26/2019 03/26/2019	David Julian

LM Start	3.15	Rating **	M	Issue No.	24
LM End	3.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.397933 °	38.397933 °
				-121.716406 °	-121.716406 °
DWR ID	19352				
Comment Code					
Inspector Comment					
FS_ID:42725					
DS_ID:19352					
EP_NO: 10164					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: 09/14/2017 ABO issued as Permit No. 10164 defines the 48-inch pipe as a drainpipe. (DWR UCIP - O. Magana)					
08/13/2013 Appears abandoned and if so should be done properly.					
Pipe burried except for small opening. (DWR UCIP - W. Wylie)					
FIELD_STRUCT_DESC: *ABANDONED* 48-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. (48-inch pipe [HLM 3.20] authorized under Automatic Board Order (ABO) issued as Permit No. 10164, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 3.20)].					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_SP_2019_42725_29680.jpg



Pipe buried but visible at toe of east side of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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